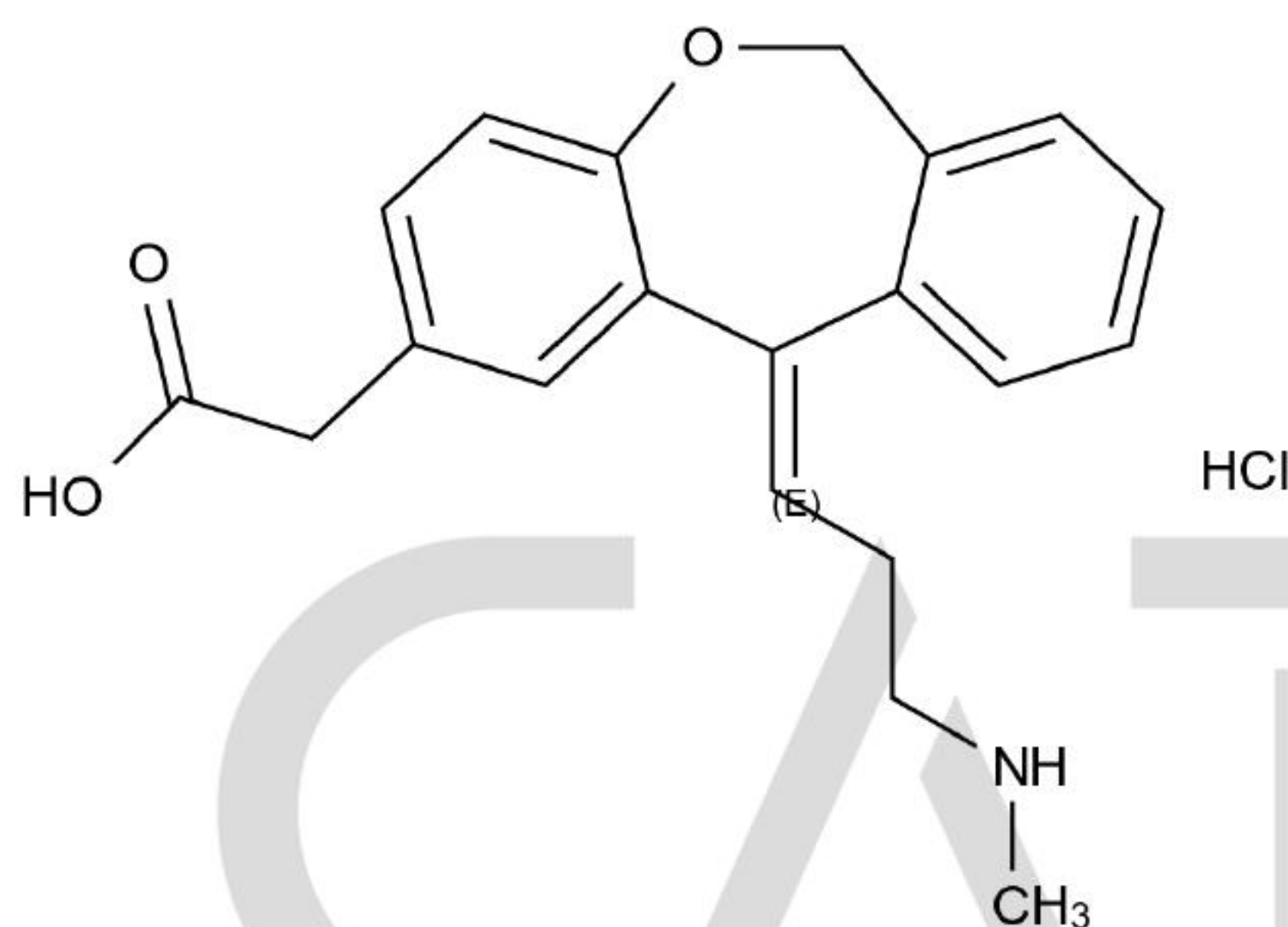


Certificate of Analysis

Reference Material & Standard

Product Name:	Olopatadine Impurity 64 HCl	Catalogue Number:	C4X-171864
Synonyms:	N/A	Lot Number:	0418-RG-0061
CAS Number:	849721-29-5(free base)	Expiry Date:	Jan 02, 2028
Molecular Formula:	C ₂₀ H ₂₁ NO ₃ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	323.39 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.3835%
Loss On Drying	TGA	2.561%
Assay		96.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 18, 2025

Date: Apr 21, 2025

Date: Apr 21, 2025

